

We claim:

*Sub*  
*Al* 1. A substantially purified nucleic acid molecule that encodes a plant protein or fragment thereof comprising a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 11840.

5 2. The substantially purified nucleic acid molecule according to claim 1, wherein said plant protein or fragment thereof is a wheat protein or fragment thereof.

3. A substantially purified wheat protein or fragment thereof, wherein said wheat protein is encoded by a nucleic acid molecule that comprises a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 11840.

10 4. A transformed plant having a nucleic acid molecule which comprises:

- (a) an exogenous promoter region which functions in a plant cell to cause the production of a mRNA molecule;
- (b) a structural nucleic acid molecule comprising a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 11840 or complements thereof;
- (c) a 3' non-translated sequence that functions in said plant cell to cause termination of transcription and addition of polyadenylated ribonucleotides to a 3' end of said mRNA molecule.

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20 5. The transformed plant according to claim 3, wherein said structural nucleic acid molecule is a complement of any of the nucleic acid sequences of SEQ ID NO: 1 through SEQ ID NO: 11840.

6. The transformed plant according to claim 4, wherein said plant is wheat, soybean, cotton or maize.

7. The transformed plant according to claim 4, wherein said plant is maize.

8. The transformed plant according to claim 4, wherein said plant is soybean.
9. The transformed plant according to claim 4, wherein said plant is wheat.
10. The transformed plant according to claim 4, wherein said plant is cotton.

DATE	DESCRIPTION	AMOUNT	BALANCE
1913	Jan 1		100.00
1914	Jan 1		100.00
1915	Jan 1		100.00
1916	Jan 1		100.00
1917	Jan 1		100.00
1918	Jan 1		100.00
1919	Jan 1		100.00
1920	Jan 1		100.00
1921	Jan 1		100.00
1922	Jan 1		100.00
1923	Jan 1		100.00
1924	Jan 1		100.00
1925	Jan 1		100.00
1926	Jan 1		100.00
1927	Jan 1		100.00
1928	Jan 1		100.00
1929	Jan 1		100.00
1930	Jan 1		100.00
1931	Jan 1		100.00
1932	Jan 1		100.00
1933	Jan 1		100.00
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1936	Jan 1		100.00
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1998	Jan 1		100.00
1999	Jan 1		100.00
2000	Jan 1		100.00
2001	Jan 1		100.00
2002	Jan 1		100.00
2003	Jan 1		100.00
2004	Jan 1		100.00
2005	Jan 1		100.00
2006	Jan 1		100.00